

Converting Colors

CIELCh(78, 10.093, 81.880)

Have a look what the booklet for
CIELCh(78, 10.093, 81.880) contains.

CIELCh(78, 10.175, 82.298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 10.175, 82.298)

Conversions

Conversions Part 1

Format	Color
Hex	CBBFAE
RGB	203, 191, 174
RGB Percent	80%, 75%, 68%
CMY	0.2026, 0.2497, 0.3164
CMYK	0.00, 0.06, 0.14, 0.20
HSL	35°, 22%, 74%
HSV	35°, 14%, 80%
XYZ	51.0888, 53.2120, 47.7836
YIQ	192.6500, 12.6090, -2.7430

Conversions

Conversions Part 2

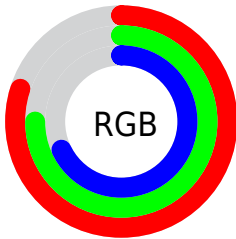
Format	Color
RYB	194, 203, 174
Decimal	13352878
CIELab	78.00, 1.36, 10.08
CIELCh	78, 10.175, 82.298
Yxy	53.2120, 0.3359, 0.3499
Android (android.graphics.Color)	4291542958 (0xFFCBBFAE)
YUV	192.6500, -9.1945, 9.0769
Hunter-Lab	72.9466, -2.6423, 12.2247

Details

The CIELCh color **78, 10.175, 82.298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 10.004, 266.160**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 9.594, 91.832**, and **58, 10.141, 82.453** is the 20% darker color. If you saturate the color by 10%, you get **75, 17.596, 81.006**, and if you desaturate by 10%, it is **81, 2.990, 83.518**.

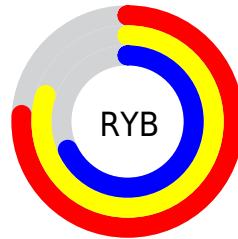
Distribution



Red (80%)

Green (75%)

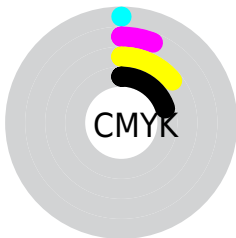
Blue (68%)



Red (76%)

Yellow (80%)

Blue (68%)

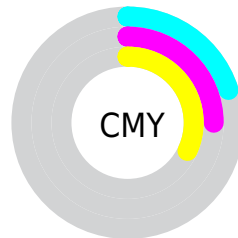


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 10.175, 82.298 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 78, 10.175, 82.298 by changing the saturation by 10% instead.

■ 78, 10.175, 82.298

■ 78, 10.175, 82.298

■ 100, 10.175,
82.298

■ 68, 10.175, 82.298

■ 98, 10.175, 82.298

■ 58, 10.175, 82.298

■ 48, 10.175, 82.298

■ 38, 10.175, 82.298

■ 28, 10.175, 82.298

■ 18, 10.175, 82.298

■ 8, 10.175, 82.298

■ 0, 10.175, 82.298

■ 78, 10.175, 82.298

■ 78, 10.175, 82.298

75, 17.596, 81.006

81, 2.990, 83.518

73, 25.249, 79.659

83, 3.973, 264.933

70, 33.108, 78.276

86, 10.731,
266.076

68, 41.098, 76.851

89, 16.999,
266.685

66, 49.048, 75.356

63, 56.624, 73.728

91, 14.728,
248.783

61, 63.224, 71.833

93, 14.224,
227.475

59, 67.983, 69.432

58, 70.020, 67.889

95, 15.612,
207.610

97, 17.080,
198.373

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78, 10.175, 82.298



75, 10.004, 266.160

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 10.175, 82.298



78, 10.175, 132.298



78, 10.175, 262.298



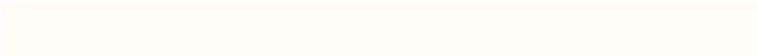
78, 10.175, 312.298

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78, 10.176, 82.311



99, 3.366, 83.540



74, 12.717, 349.678



52, 2.396, 83.461



0, 0.000, 0.000



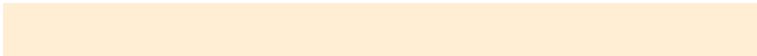
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 10.176, 82.311



95, 14.643, 81.930



81, 15.346, 112.265



42, 4.023, 82.923



48, 60.086, 68.439



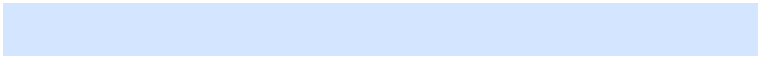
9, 14.630, 68.975

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75, 10.004, 266.160



91, 14.332, 266.623



72, 15.848, 294.767



41, 3.985, 265.450



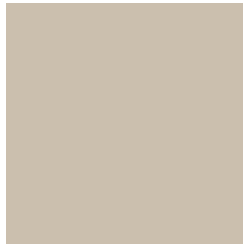
32, 61.226, 291.086



5, 16.767, 277.689

Previews

White Background



This preview shows how the CIELCh color 78, 10.175, 82.298 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 10.175, 82.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

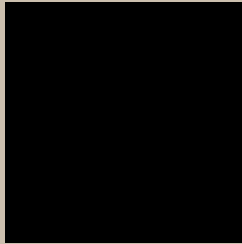
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

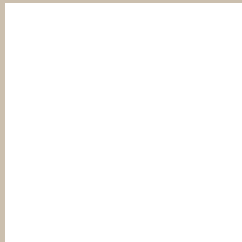
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.175, 82.298

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.175, 82.298.

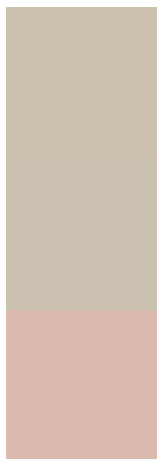


This preview shows how white text looks on a background with the CIELCh color 78, 10.175, 82.298.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78, 10.175, 82.298

Protanopia

78, 9.691, 88.445

Deuteranopia

78, 13.807, 45.266



Tritanopia
78, 10.915, 332.936

Trichromacy



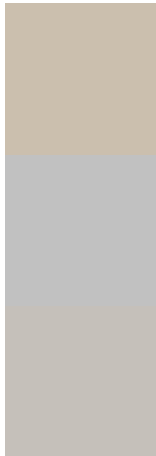
Original Color
78, 10.175, 82.298

Protanomaly
78, 9.836, 86.337

Deuteranomaly
78, 11.947, 55.306

Tritanomaly
78, 6.551, 5.734

Monochromacy



Original Color
78, 10.175, 82.298

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.692, 79.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.175, 82.298 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.175, 82.298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 191, 174) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 191, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 174);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.175, 82.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
191, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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